

**Its Actual Accomplishments, It Is Claimed,
Stand Well In Comparison With The
Most Energetic Congresses.**



1. The first step is to identify the problem. This involves understanding the current situation and what needs to be improved.

FARMS AND FARMERS

Cheap Hay Barn.
The accompanying cut shows how a light hay barn may be constructed very cheaply, and yet it will serve every purpose of storage for hay or grain, if necessary. It is made of 2 by 4 stuff for a small building, or 2 by 6 for a larger one. The posts are 16 feet high, and the building is 24 feet wide. The drawing shows one of the bents, or bays, which may be four for a barn 24 feet square; for a longer one the bents may be set six or eight feet apart. All that is necessary is to set up the bents and connect them together by

FRAME OF HAY BARN.

plates spiked to the posts, and then board up the sides with clap boards, or with common boards. The building may be strengthened by diagonal braces, and the roof boards will add to its strength. As there is no weight on the building, the contents of it resting on the ground, the timber will be quite light. With shorter posts such a building as this will make an excellent sheep or cattle barn.

"Insulating" the Roofs.
Ordinary roofs in henhouses are nailed directly to the walls. This con-

sider a farm writer, we have known a farm hand to work all day with a plow. When he was putting out more strength every hour than he would have used in a day's work with the same plow after he had lunched the team properly. And the team was as tired as he.

Raising Sweet Potatoes.
Select rich, sandy soil and plow deep. Be sure that the ground is fine, and then sow the seed in small ridges about three feet apart. These ridges can quickly be shaped up with a hoe to a uniform size. I think it best to leave the ridges stand several days so that the moisture will get more evenly distributed through them. As soon as the danger of frost is past in the spring, and the ground is warm, select the plants. Take the plant in one hand and with the other hand make a hole pretty well down in the top of the ridge so that permanent moisture may be secured to the roots. Press the dirt rather firmly about the roots. Set the plants 15 to 18 inches apart. I would not water the plants unless the ground is very dry. Set the plants out in the evening, or still better, during cloudy weather. When all the plants begin to grow and the weeds appear, with a hoe, shave the surface of the ridges away from the plants, and when the plants begin to vine, hoe the dirt up around them and the "reeding" is done. As before, hoe the surface and the weeds. Avoid killing the potatoes yet, chilled, and you can have sweet potatoes until spring.—Mrs. Charles B. Morris.

Killing Weeds.
When we went to school, we were taught that if ten men could do a certain piece of work in one day, one man could do it in ten days; but we were taught by experience that this would not apply to weed killing and mowing. If ten boys of about seven to twelve years of age were in a field large enough to keep ten men at it all day, it would take a smart man to get it done all summer. The growth of weeds about the farm would make

He Enraged the Boy.

Dr. McTavish was something of an even-temperament, and he wanted a lad to assist in the surgery, who must necessarily be of strong nerve.

He received several applications, and, when telling a lad what the duties were, he, in order, to test his nerves, he would say, pointing to a grinning skeleton:

"Part of your work would be to test the skeleton; and, while you are here, you may as well have a try to do so."

A few lads would consent to a trial, and received a basin of hot gruel and a spoon.

While they were pulling a hot mass into the skull, the doctor would throw his voice so as to make it appear to proceed from the jaws of the bony customer, and gurgle out:

"G-r-r-r-r-r-r-r! That's hot!"

This was too much, and, without exception, the lads dropped the business and bolted.

The doctor began to despair of ever getting a suitable apprentice until a small boy came.

After the first spoonful the skeleton appeared to sting.

"G-r-r-r-r-r-r! That's hot!"

Shivering in the scalding gruel a last gasp, ever, the boy tapped the skull and impatiently retorted:

"Well, the hell now can't you hold honey!"

The doctor engaged the lad on the spot.

Flash Request.

The surgeon was a man whose the Sabbath is kept in Scotland is illustrated by a story told by a devout Scottish minister.

He once stopped at a country inn in the northern part of his native land, and, toward night, as he sat in the parlor, the door of the inn he suggested to the landlady might well be desirable to have one of the windows raised so that they might have some fresh air in the room.

"Nonsense," said the old woman, with stern disapproval, turning plainly on her rugged face, "thou' ye ken that the Sabbath is a holy day."

On the Sabbath day.

Resurrection in Water Travel.

The passengers on the ship, who were well with propriety, whose attitude of the heavens would have been overruled with a revolution in water travel.

Now, gradually, loosed that Nature's way was lost. A Copin cause of the remarkable


Cigars at \$5 a Piece.
Cigars are more costly in London than here, remarked a traveler the other day. Here the most expensive cigar I have ever seen exposed for sale cost \$1, whereas in London I have frequently seen them of so fine a grade as to call for the expenditure of \$2.50 before you could smoke one, and cigars costing \$3 a-piece have been sold in London, but only in blocks, and never by single sale. It is in connection with the \$5 cigar that they tell a story over there to the effect that a lot of those cigars were offered to the Duke of Westminster, England's noblest peer, by a dealer, whereupon the duke replied that he was altogether too poor a man to smoke so expensive a cigar, ordering the entire importation sent to the Prince of Wales and the bill to him self.

Didn't Bury Her.
A Major Hook of the East India Company service in London was entitled by the will of a relative to an annuity of £100 a year until his wife was buried. To fulfill the terms of this important document after his death he caused her body to be embalmed, sealed up in a glass case, and placed in the upper chamber of his house, where it remained for thirty years, but no person was ever permitted to enter the room where it lay.


Ancient Jeweled Vest Buttons.
A recent find for men in New York is a set of jeweled buttons for the evening waistcoat. The buttons are of platinum or white enamel set with diamonds, pearls or amethysts. A set of buttons can cost anything one likes to pay, from \$5 up to \$500.

Celestials.
The population of China is estimated at 392,000,000.

A SENATOR'S LETTER.
Peruna as a Nerve and Car-
tarth Tonic the Talk
of the World.




the roosts very readily from the cracks in the walls, where they gather often in large numbers. There is a manufactured contrivance in the form of a bracket, with an all clip in it, that requires no connection between the roosts and the wall except over the oil that is in the cup. A home-made arrangement for securing much the same result is shown in this cut. A stout wire passes through the ends of the roosts



AX "INSULATED" ROOST.

and is drawn taut between two pieces of studding, into which screweyes have been inserted in the way shown in the illustration. A cut is made in the studding so that the screweyes may be inserted in a nearly upright position. The base of the screweye is surrounded with tow, which is kept saturated with oil. In this way the roosts are perfectly "insulated" from any approach by vermin, except such as are brought to the roosts by the fowls, and these can be kept under control by frequent dusting with insect powder.

Prize Shorthorn Bull.
The most successful exhibitor at the Dublin Society's spring show was the queen, who exhibited three short horns

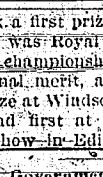


"I'm not a loving man," he said, "but I'm
 glad to quit. I want to find the money
 for removing rust from tools and
 buying some new method of keeping
 them from slipping, and at the same
 time enough material for a volume that net
 cost him over \$2,000 a month."
 "A present is a thing that is not
 but is able to be future," He told him
 of the cars that he was going to write
 more as soon as he completed a so-called
 "mink's" guide that he has on "the
 stocks." New Orleans Times-Democrat.
 (Continued.)
Amusing Outdring.
 Two chastity belts, one ending in
 A dead and silent grave.
 They meant the over-still hum,
 That marks the human way.
 These last, the new kind of silent storm
 And of the old and busy.
 And through the "shoe" boys' lawless
 About
 He snatched with eager eye.
 And as he read the leading story
 The face grew peaked and pale
 And when he'd read a little more
 He gripped the seat of his
 "Supplier," then, he testified,
 "This was news, bold and brash
 Contrary to me, never lied
 Our records gone to sinners,
 Cleveland Plain Dealer.
A Clever Case.
 "Well, the chief," asked in voice
 "The prisoner, your honor," replied
 the officer, "asked this man, 'Is what
 was father, was father, and when I
 that the latter was a 'son of the mine'
 without provocation called 'the father a
 mine pig.'"
 "Poor fellow," said the court, "An
 examination into his sanity seems al-
 most unnecessary." Philadelphia
 North American.
Russians' Price.

Large Canadian Families.
A newspaper of considerable note on the importance of a Montreal widow with twelve first children, with eleven children and this brought out from a second husband a larger lot, it is that same year's grand family of St. Henri, father of twenty children, *Mme. Desbarraines* under of twelve. They were well-to-do people, and united those progeny under one roof. The husband of the widow and she had five children, more and some that he was not the father of the couple and at the wedding dinner I saw the twenty-four children seated at the bridal table and happy at being united in one family. All remained together under the parental roof for some years and forever was the peace and harmony of the patriarchal dwelling disturbed by the coming of a new generation.
He tells how, one by one, the twenty-four children married to create their family and to day the old couple live in comfort and respect in the village of St. Henri.

The Heat of the Sun.
It is estimated that the earth receives not more than a thousand millionths part of the total radiation of the sun's rays. If any considerable proportion of this heat were concentrated upon the earth it would not only become uninhabitable, but become speedily consumed. If the great accumulation of ice at the North Pole were placed at a point on which this tremendous heat could be focused, it would melt at the rate of three hundred millions of miles of solid ice per second, and the heat is rate of about ten thousand times the

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 ROYAL DUKE

and took a first prize with ~~such~~ One of these was Royal Duke, which also won the championship. This bull is of exceptional merit, and last year took first prize at Windsor, second at Malden and first at the Highland Society's show in Edinburgh.

Government Lands.

It is reported that there are, or will be when the war is over, many millions of government land to dispose of in the Philippine Islands, but we do not think we shall ever be settled on them while we have a live. It is too hard to get a clear title, or to get the government to "invest" and defend a settlement on these islands, or so it was in the new States and territories in the Northwest. We should prefer to take up a homestead in some of the five States of Alabama, Kansas, Florida, Louisiana and Mississippi, where not long ago there was about to be 12,000,000 acres yet subject to entry under the homestead law. We should prefer the people of these States as neighbors to those of the Philippines, from what we hear of them. American Cultivator.

Plowing.

When the plow is hard to hold it is time to say that it is hard work for the team to draw it. This may be because of roots or stones, in which case the cause is obvious, but if not some other cause is wrong and the cause should be found and the trouble remedied. Is the point of the plow dull or is the cutter that is used in front of it in need of a new point? Is the point a cheaper set of a new plow than a new set, plow and team and a new set of harness? But what about the trouble arising from the line of draught not being straight right. It would seem that any farmer should know if his plow "runs" or "nose into the ground," so that he would be hard to bear his weight on the handles, or pulled out so he had to lift his weight to keep it in, or whether it would make a furrow or too narrow a one, and should know how to remedy it, yet

water as they liked, with appreciable results to the inferior fowls. Having instituted the disease, he then undertook to drive out the virus by administering egg shell, which relieved the hens to a certain degree.

Gleanings.

For hard-working horses all grain should be given. If a horse is not well, feed chaff hay. Food thus prepared is readily masticated.

Farm yard manure or feeding highly concentrated food, such as pulps, supplying the most appropriate fertilizers elements for permanent pasture.

Burrowing animals are driven out of their holes or suffocated by a Carbonian's compound, which is formed of sulphur, tar and petroleum supplied by strong indurated material, some ignited and inserted in the burrow by a pair of slender tongs.

The agricultural experiment station at Stillwater, Okla., has issued a bulletin on the comparative results of field experiments in 1893. Tests of different methods of growing corn, Kaffir corn, cotton and castor beans are reported. The bulletin is sent free to all who apply.

Potatoes are rapidly dug, drained and sacked by a new apparatus which has a plow to move the surface, the dirt and potatoes falling into an endless chain elevator, which carries them into a hopper with flat slides which removes the dirt and drops the potatoes into a bag.

Continued effort should be made to increase the acreage of alfalfa. This should be regarded as a crop for hay rather than for pasture. Spring sowing of alfalfa seed is well as fall sowing at the time falls, it may be repointed in August or early September, which is the most favorable time for fall sowing.

Trees dying from injury by fires or weakened in vitality offer favorable opportunities for the manifestation of great numbers of destructive insects. Moreover, the trees which have been killed by insects—furnish, in their fallen branches and partially decayed trunks and dry bark a most favorable propagating ground for the starting, spread and perpetuation of forest fires.

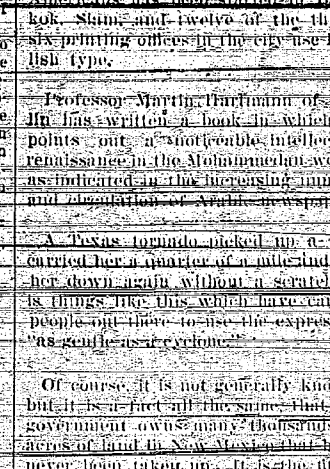
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work should be regarded by the court as a serious offense. It is a mean and more contemptible crime than petty larceny and should be punished accordingly. The lockup, with no notion of time might check it. The man

New Zealand has a law making it compulsory in all disputes between capital and labor for the disputants to submit to arbitration.

ter and the work of destruction go
merly on. The relic hunters are
the main respectable as respectable
game and for that reason it is probab
that a full sentence would be the mo

In San Francisco some enterprising people are devoted to the fad of breeding Bokkian horses, good for market as pot and the result is such that it is regarded unfavorably within the state and national courts not to bring down upon our neighboring heads a new Australian rabbit plague. The Australian experience is certain enough to make the Californians think twice before they allow the present enactment to go too far. The production



country in the world for stock pays.

It is said a new number symbol

According to a moderate estimate, about half a million sheep are in the world. The United States has about 100,000. As yet, it is not so much as to run loose, and their numbers are not tripling, but it is probable that in Southern California the Jews already proved to be such a pest that Sam Francisco and the immediate adjoining districts have had to be tried for a change. It is worth while to recall that the Australorians, the place begun in 1837, this way, and that what was thought to be a Jewish experiment, revealed many effective remedies in spite of warning, and that the rabbits became a public enemy, destroying many millions of dollars' worth of property and defying all attempts to destroy them until Parliament provided an effective means of

By addition of one of the largest tax levies on the American continent, sugar producers in the United States to take the lead in world coffee trade. First, because the facilities of this country are so much superior than those of the old coffee producing nations of Brazil and Colombia, the most part have the shift system. The plants to develop into the north thousands of feet, and must be kept down still deeper from year to year. The result is that the annual cost of working these farms constantly increases. By the unexploited regions of the forest, the land is dug out hill sides by means of horizontal tunnels. The cost of extending these

quis remains practically the same in value. Finally, when one is exhausted, he is often obliged to stop at a lower level than the other standard he imagined he would reach. In his case, the standard is broken in his case, and the other standard is not reached. The world, The Englishman is told, is a general thing, a certain percentage of the selling price of the gold-bearing, consequently, he can work for a time and then quit with impunity, to the great inconvenience of his employer. This year his broken all records in gold and export trade in this country and one of a reasonable ten of mine can draw his own conclusions.

A curious move in the train from England to Mexico is indicated in this

A portion of the factory building has been established a machine-building factory (founded in 1901) and to 1901-1902 makes a year and for the French firm for the "coloured" and "brown" models. More curious still, most of the workmen and many of the materials are imported from Great Britain. In the same district a Birmingham firm, which has a workshop in the town, produces bicycles and motor cars.

disturb the peace and shocked him by having the counter loaded so quickly and said, "Certainly, sir, so sweetly when he asked if he could use the phone that he was tempted to use the phone any day as the means of throwing a complimentary business letter to her. He was not so discouraged that he did a slight winking at the other boys and sent a salute in his direction. She was well known to him and he was well known to her. She was herself attractive enough to cause more than passing attention. They both laughed when he made a flippant remark to his friend at the other end of the table.

"Where are you now?" asked the friend.

There was a sudden plunk and splash as the confused girl allowed the paper sack into which she was counting the eggs to fall to the floor.

The proprietor of the grocery came in, and, in the heat of that moment, and the young maid escaped during the confusion. — Detroit Free Press.

Where People Dress Alike

In Venezuela, Central America, sisters dress precisely alike, even to the tying of a bow, the turn of a button, or the

flowers in the hair. In the temples large families are the rule, and ordinary societies in the country are of groups of from three to a baker's dozen, who belong to the same family. Their clothes will show, it is the easy to distinguish the members of a family anywhere. In Arabian men, women and even their infants of the same tribe and dress almost alike. Earrings and finger rings are worn by the women only. The men and women of the Crew tribe of Indians dress alike except the ornamentation of their headdresses, which is vertical for men and horizontal for women.

London's Hebrew Population.
The Hebrew population of London
